

REMARKS.

In a final Office Action dated April 19, 2007, the Examiner rejected the claims under 35 U.S.C. § 112, first paragraph. Applicants respond to the Examiner's rejection below. All newly presented amendments are intended to place the claims into condition for allowance. In view of the amendments noted above and the remarks presented herein, Applicants respectfully request reconsideration of the merits of this application.

Rejections Under 35 U.S.C. § 112

The Examiner rejected Claims 1-13 under 35 U.S.C. § 112, first paragraph for failing to comply with the enablement requirement. The Examiner alleged that the specification does not enable claims directed to methods of predicting predisposition in non-humans, to methods that consider associations between other polymorphisms within monoamine oxidase A (MAOA) or polymorphisms in genes that may be linked to MAOA expression, to methods that predict predisposition to additional phenotypes, or to methods that relate other environmental risk factors to these or additional phenotypes.

Applicants amend Claim 1 to recite that methods consistent with the subject matter acknowledged by the Examiner to meet the enablement requirement. See p. 2-3 of the Office Action. Applicants reserve the right to pursue claims of different scope in a continuing application.

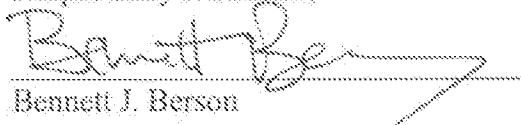
Applicants amend Claims 2, 3, 6 and 10 to be consistent with amended Claim 1 and cancel pending Claims 4, 5, 7-8 and 12-13 and previously withdrawn Claims 14-26 without prejudice to the filing of one or more divisional applications. In view of the amendments noted above and the remarks presented herein, Applicants respectfully request reconsideration of this rejection as applied to the pending claims.

Application No.: 10/617,453  
Response dated: July 19, 2007  
Reply to Office Action dated: July 17, 2006

**Fees**

No fee is believed due in connection with this submission. However, if a fee is due, in this or any subsequent response, please charge the fee to Deposit Account No. 17-0055. Likewise, no extension of time is believed due, but should any extension be required in this or any subsequent response, please consider this to be a petition for the appropriate extension of time and a request to charge the petition fee due to the same Deposit Account.

Respectfully submitted,



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